

What is claimed is:

1. A method of preventing biofilm formation comprising inhibiting the gacA/gacS regulatory system of an organism.
2. The method of Claim 1 wherein the organism is *P. aeruginosa*.
3. The method of Claim 1 wherein the inhibition is produced by antibodies to gacS.
4. A composition useful for preventing biofilm formation comprising a compound which inhibits the gacA/gacS regulatory system in a pharmaceutically acceptable form.
5. The composition of Claim 4 wherein the compound is an antibody to gacS.
6. The composition of Claim 4 wherein the compound is a small molecule which inhibits gacS.
7. A method to treat a biofilm infection in a subject comprising inhibiting the gacA/gacS regulatory system of an organism.
8. The method of Claim 7 wherein the organism is *P. aeruginosa*.
9. The method of Claim 7 wherein the inhibition is produced by antibodies to gacS.
10. A method of regulating biofilm formation by an organism comprising modulating the gacA/gacS regulatory system of the organism.

11. The method of Claim 10 wherein the organism is a symbiotic bacterium.
12. The method of Claim 10 wherein the organism is a plant root bacterium.
13. The method of Claim 10 wherein the organism is *P. chlororaphis*.
14. The method of Claim 10 wherein modulating is produced by antibodies to gacS.
15. The method of Claim 10 wherein modulating is produced by a small molecule specifically binding with gacS of the organism.
16. A composition useful for regulating biofilm formation by an organism comprising a compound which modulates the gacA/gacS regulatory system of the organism.
17. The composition of Claim 15 wherein the compound is an antibody to gacS.
18. The composition of Claim 15 wherein the compound is a small molecule specifically binding with gacS of the organism.